

-- Abstract:

A system for positioning a product, comprising a chuck (71) for supporting the product, an intermediate stage (79) supporting said chuck (71), and a stationary base (72) supporting said intermediate stage (79). The chuck (71) can move with respect to the intermediate stage (79) in a first direction X (80), and the intermediate stage (79) can move with respect to said stationary base in a second direction Y (81). The system furthermore comprises at least one laser interferometer (73, 74, 75, 76, 77, 78) for measuring the position of the chuck (71) relative to the stationary base (72). The main part (73, 74, 75, 76, 77, 78) of said the laser interferometer is attached to said the intermediate stage (79), so that it can measure the distance between a reflector (83, 84, 85) on the chuck (71) and a reflector (82, 87) on the stationary base (72). --